

IN THE CLAIMS

1. (Currently Amended) A printer comprising:

at least one ink-ejecting mechanism, the at least one ink-ejecting mechanism having a printer head;

~~at least one head chip a plurality of head chips formed on the printer head, the at least one head chip being formed in an array pattern on the printer head; and~~

a plurality of nozzles formed within a plurality of nozzle arrays positioned on a nozzle plate, the plurality of nozzles associated with each head chip, wherein nozzles associated with one head chip and nozzles associated with an adjacent head chip partly overlap along at least one direction to form an overlapped area on a print object such that when the at least one ink-ejecting mechanism drives across the print object the nozzles of the one head chip and the nozzles of the adjacent head chip respectively eject inks which are mixed in the overlapped area to reduce dot density differences on the print object.

2. (Cancelled)

3. (Previously Presented) A printer according to claim 1, wherein the ink-ejecting mechanism is driven such that a boundary is set in the overlapped area, a spot of printing dots in the overlapped area is allocated to the head chip covering either side of the overlapped area, and the boundary is shifted.

4. (Previously Presented) The printer according to claim 3, wherein the boundary is shifted in accordance with the print object.

5. (Currently Amended) A printer head comprising:

at least one ink-ejecting mechanism;

at least one head chip formed ~~in an array pattern~~ on the at least one ink-ejecting mechanism; and

a plurality of nozzles formed within a plurality of nozzle arrays positioned on a nozzle plate, the plurality of nozzles associated with each head chip, wherein nozzles associated with one head chip and nozzles associated with an adjacent head chip partly overlap along at least one direction to form an overlapped area on a print object such that when the at least one ink-ejecting mechanism drives across the print object the nozzles of the one head chip and the nozzles of the adjacent head chip respectively eject inks which are mixed in the overlapped area to reduce dot density differences on the print object.

6. (Previously Presented) A printer for ejecting ink droplets from predetermined nozzles to form an image onto a print object, comprising:

at least one ink-ejecting mechanism, the at least one ink-ejecting mechanism having a printer head;

at least one head chip formed on the printer head, the at least one head chip being formed in an array pattern on the printer head; and

a plurality of nozzles formed on a nozzle plate in a nozzle array wherein nozzles associated with one head chip and nozzles associated with an adjacent head chip partly overlap along at least one direction to form an overlapped area on a print object such that when the at least one ink-ejecting mechanism drives across the print object the nozzles of the one head chip and the nozzles of the adjacent head chip respectively eject inks which are mixed in the overlapped area to reduce dot density differences on the print object.

7. (Previously Presented) A printer according to Claim 6, wherein the nozzles are placed on the nozzle plate almost as wide as the print object to form the nozzle array in a direction perpendicular to the feeding direction of the print object.

Claims 8-17 (Cancelled)

18. (Previously Presented) A printer head, comprising:
at least one ink-ejecting mechanism, the at least one ink-ejecting mechanism having a printer head;
at least one head chip formed on the printer head, the at least one head chip being formed in an array pattern on the printer head; and
a plurality of nozzles formed on a nozzle plate in a nozzle array wherein nozzles associated with one head chip and nozzles associated with an adjacent head chip partly overlap along at least one direction to form an overlapped area on a print object such that when the at least one ink-ejecting mechanism drives across the print object the nozzles of the one head chip

and the nozzles of the adjacent head chip respectively eject inks which are mixed in the overlapped area to reduce dot density differences on the print object.

19. (Previously Presented) A printer head according to Claim 18, wherein the nozzles are placed on the nozzle plate almost as wide as the print object to form the nozzle array in a direction perpendicular to the feeding direction of said print object.

Claims 20-27 (Cancelled)

28. (Currently Amended) A printer head comprising:
at least one ink-ejecting mechanism for ejecting predetermined colors of ink
droplets from predetermined nozzles sequentially placed to form a head chip;
as many of said head chips as necessary for said predetermined colors, said head
chips aligned to form said printer head, wherein said nozzles are formed on a nozzle plate;
as many of said nozzles as necessary for said head chips to be are formed and as
many of said nozzles as necessary for said predetermined colors are formed; and
as many of said plurality of head chips necessary for said predetermined colors
are placed on said nozzle plate to form said printer head ~~A printer head according to Claim 26,~~
wherein said nozzles are placed on said nozzle plate almost as wide as said print object to form a nozzle array in a direction perpendicular to the feeding direction of said print object, and a plurality of nozzle arrays are formed for each color of said ink.

29. (Currently Amended) A printer head comprising:
at least one ink-ejecting mechanism for ejecting predetermined colors of ink
droplets from predetermined nozzles sequentially placed to form a head chip;
as many of said head chips as necessary for said predetermined colors, said head
chips aligned to form said printer head, wherein said nozzles are formed on a nozzle plate;

as many of said nozzles as necessary for said head chips to be are formed and as many of said nozzles as necessary for said predetermined colors are formed; and

as many of said plurality of head chips necessary for said predetermined colors are placed on said nozzle plate to form said printer head A printer head according to Claim 26,
wherein some of said plurality of nozzles allocated to one head chip are placed so as to be partly overlapped with a plurality of nozzles allocated to the adjacent head chips at the adjacent head chips, as viewed from the direction of feeding a print object, in order to said ink droplets to be adhered to almost the same point.